

IN THE SPECIFICATION:

Please amend the specification as follows:

Please insert the following heading on page 3, immediately before the paragraph beginning at line 12:

Summary of the Invention

Please replace the paragraph beginning on page 15, line 33 and ending at page 16, line 11 with the following:

The stand 5 comprises a base 27 of the stand for arranging stand 5 on the floor 29 of an operating theatre as well as a plurality of arms 31 of the stand which are pivotally connected by means of joints 33. An end of the chain of arms 31 of the stand thus formed is connected via a ~~joint 37~~ joint 33 to the base 27 of the stand and its other end is connected to a further joint 33 and thus to the surgical microscope 3. Stand 5 is a so-called balanced out stand, which means that forces exerted onto stand 5 by the burden to be carried, namely the surgical microscope 3 which forces attempt to move arms 31 and joints 33 of the stand are compensated for by the mechanics of stand 5 in such a way that the surgical microscope 3 is substantially suspended freely in the room and can be moved to a different positioning in the room by moving it by hand.

Please replace the paragraph beginning on page 16, line 13 with the following:

On a ceiling 35 of the operating theatre, a microwave transmitter 37 is provided which emits a microwave beam 39 towards the surgical microscope 3, in particular in such a manner that the microwave beam is incident on a microwave receiver 41 disposed on surgical microscope 3. Microwave receiver 41 transforms the received microwaves into electrical energy and provides an operating voltage for the electrically powered components of the surgical microscope 3 at the electrical connectors 42. These electrically powered components comprise the illumination assembly 25, the camera 15 and the display 21. Furthermore, microwaves are supplied by microwave receiver 41 to a sender/receiver 43 having a sending/receiving antenna 44. The sender/receiver 43 communicates in a wireless manner 45 with a corresponding sender/receiver 47 which is mounted to the ceiling 35 of the operating theatre. The ~~distance-45~~ distance for wireless transmissions serves for transmission of images taken by camera 15 of the field for surgery 7 to computer 23 which analyses these pictures and/or stores them into an archive.

Please replace the paragraph beginning on page 16, line 23 with the following:

Stand 5d comprises a plurality of arms 31d which are pivotally connected to each other by means of joints 33d and may be swiveled around corresponding swivelling axis 34. The data are transmitted in arms 31d of the stand via leads 105. However, in order to transmit data from one arm to an arm pivotally connected thereto, transmission of data is provided by means of an optocoupler 101 which is disposed on joint 33d such that a light distance 103 between the two optocouplers 101 is substantially disposed on the swivelling axis 34. This way no data transmission lines are to be provided which bridge the joint 33d between the arms 31d and, accordingly, no remaining forces generated by data transmission lines are exerted onto arms 31 of the stand.

Please replace the paragraph beginning on page 24, line 16 with the following:

Figure 10 shows a perspective, cut open detail illustration of two arms 31h of the stand which are pivotally connected and may be swivelled around swivelling axis 34h. Current leads 105h₁ and a data line 105h₂ are run along arms 31h of the stand. For transmission of current or data, respectively, across the join, each of the two arms 31h of the stand comprises a winding 131 which is concentric with respect to a swivelling axis 34h. The winding 131 is connected to the respective current lead 105h₁ and a flat ~~antenna 103~~ antenna 133 which is concentric with respect to swivelling axis 34h which antenna is coupled to data line 105h₂.

Please replace the paragraph beginning on page 24, line 28 with the following:

The flat ~~antennae 103~~ antennae 133 transmit the data without contact between the arms 31h of the stand and the windings 131 transmit electrical power inductively between arms 31h of the stand. This way, a powerful transmission of electrical power and data between the two arms 31h of the stand is realized without the need for leading corresponding leads from one arm of the stand to the other.